

IN THE CLAIMS

1. (currently amended): A process for preparing an encapsulated particulate solid comprising reacting a poly vinyl dispersant with a cross-linking agent in the presence of a particulate solid and a liquid medium, characterised in that:
 - a) the poly vinyl dispersant has a calculated Log P of less than 1.8 and, at least one cross-linkable group and an acid value of from 30 to 150 mg of KOH/g of dispersant;
 - b) the cross-linking agent is substantially soluble in the liquid medium and has at least one cross-linking group which is reactive towards the cross-linkable group(s) of the dispersant; and
 - c) the reaction comprises cross-linking the poly vinyl dispersant with the cross-linking agent, thereby encapsulating the particulate solid within the cross-linked dispersant.
2. (canceled)
3. (previously presented): A process according to claim 1 wherein poly vinyl dispersant has a calculated Log P of from 0 to 1.7.
4. (previously presented): A process according to claim 1 wherein the reaction is performed at a temperature of less than 60°C.
5. (previously presented): A process according to claim 1 wherein the resultant encapsulated particulate solid has a Z-average particle size of at most 50% greater than the Z-average particle size of the particulate solid prior to addition of the compound.
6. (currently amended): A process according to claim 1 wherein the poly vinyl dispersant has an acid value of from ~~40~~ 60 to ~~200mg~~ 120 mg KOH / g of dispersant.
7. (previously presented): A process according to claim 1 wherein the poly vinyl dispersant has at least one keto, aldehyde or beta-diketoester cross-linkable group.
8. (previously presented): A process according to claim 7 wherein the cross-linking agent has at least one amine, imine, hydrazide or thiol cross-linking group.

9. (previously presented): A process according to claim 1 wherein the liquid medium comprises water.
10. (previously presented): A process according to claim 1 wherein the particulate solid is a pigment.
11. (previously presented): A process according to claim 1 comprising the further step of isolating the resultant modified particulate solid from the liquid medium.
12. (previously presented): A process according to claim 1 wherein the reaction is performed by mixing the following components:
- a) the liquid medium;
 - b) the particulate solid in a weight ratio of 1:100 to 1:3;
 - c) the poly vinyl dispersant in a weight ratio of 1:100 to 1:3.3; and
 - d) the cross-linking agent in a weight ratio of 1:10,000 to 1:10;
- wherein all weight ratios are relative to the weight of the liquid medium.
13. (previously presented): A process according to claim 12 wherein the liquid medium, the particulate solid and the poly vinyl dispersant are mixed and the mixture is subjected to a mechanical treatment to reduce the particle size of the particulate solid which is followed by the addition of the cross-linking agent to said mixture.
14. (previously presented): An encapsulated particulate solid obtained or obtainable by a process according to claim 1.
15. (previously presented): A composition comprising a liquid vehicle and an encapsulated particulate solid according to claim 14.
16. (original): A composition according to claim 15 having a viscosity of less than 20mPa.s at 25°C.
17. (previously presented): A composition according to claim 15 wherein the liquid vehicle comprises water and an organic liquid in a weight ratio of 99:1 to 5:95.
18. (previously presented): A process for printing an image on a substrate comprising applying a composition according to claim 15 to the substrate.

19. (original): A process according to claim 18 wherein the printing is performed by means of an ink jet printer.

20. (previously presented): A paper, a plastic film or a textile material printed with a composition according to claim 15.

21. (previously presented): An ink jet printer cartridge comprising a chamber and a composition wherein the composition is present in the chamber and the composition is as claimed in claim 15.

22. (original): A composition according to claim 15 where the particulate solid is a colorant or a filler and the composition further comprises a binder.